

5      **What is claimed is:**

1. A layered textile composite having a pile, comprising:

5      (a) a nonwoven needled layer, said nonwoven needled layer being  
comprised of mechanically interlocked staple fibers, said nonwoven  
needled layer having a first pile-containing side and a second side  
opposite said first side;

(b) an adhesive layer adjacent said second side of said nonwoven  
needled layer; and

(c) a polymeric film layer adjacent said adhesive layer.

2. The textile composite of claim 1 wherein said staple fibers are  
comprised of at least some fibers selected from the group of fibers  
consisting of: polyester, polypropylene, nylon, polyethylene, polyamides,  
5      high density polyethylene, linear low density polyethylene,  
polytetrafluoroethylene (PTFE), aramids, rayon, acetates, acrylics, olefins,  
polyethylene terephthalate (PET), isophthalate modified PET, glycol  
modified PET, and polylactic acid (PLA).

3. The textile of claim 1 wherein said fibers comprise polyester  
fibers.

4. The textile of claim 1 wherein said fibers comprise polypropylene fibers.
5. The textile of claim 1 wherein said fibers comprise at least a blend of polyester and polypropylene fibers.
6. The textile of claim 1 in which the weight of the nonwoven needled layer is between about 5 and about 20 ounces per square yard.
7. The textile of claim 1 wherein the nonwoven needled layer additionally comprises a binder material.
8. The textile of claim 7 wherein said binder material comprises a low melt polyethylene fiber or a bicomponent polyester fiber.
9. The textile material of claim 7 wherein said binder material comprises an acrylic latex material.
10. The textile material of claim 7 wherein said binder material additionally comprises a flame retardant composition.

11. The textile material of claim 10 wherein said flame retardant material is provided in said nonwoven needled textile at a concentration of between about 1 and about 12 ounces per square yard.

12. The textile material of claim 1 in which said fibers contain a flame retardant material.

13. The textile material of claim 12 wherein said flame retardant material comprises a bromine-containing composition.

14. The textile material of claim 12 wherein said flame retardant material comprises a phosphorous-containing composition.

15. The textile material of claim 1 wherein said adhesive comprises a polyester adhesive.

16. The textile material of claim 1 wherein said synthetic polymeric film comprises a polyurethane film.

17. The textile material of claim 16 wherein said polyurethane film comprises an aromatic polyether.

18. The textile material of claim 16 wherein said polyurethane film is of a thickness of less than about 5 mils.

19. The textile material of claim 1 wherein said adhesive layer is comprised of a heat activated web adapted for insertion between said first nonwoven needled layer and said polymeric film.

20. The textile material of claim 1 additionally comprising a fluorochemical coating upon said first side of said nonwoven needled layer.

21. The textile material of claim 1 wherein said nonwoven needled layer additionally comprises a backcoating layer applied to said second side of said nonwoven needled layer.

22. The textile material of claim 21 wherein said backcoating layer comprises a flame retardant material.

23. The textile of claim 1 wherein said polyurethane film layer comprises a halogenated aromatic polyether.

24. The textile of claim 1 wherein said nonwoven needled layer is coated on its first pile-containing side with a fluorochemical.

25. The textile of claim 1 wherein said adhesive layer comprises a polyester adhesive.

26. The textile of claim 25 wherein said polyester adhesive provides a melting point of greater than about 200 degrees Fahrenheit.

27. A textile comprising:

5 (a) a nonwoven needled layer, said nonwoven needled layer being comprised of polymeric fibers, said polymeric fibers being selected from the group of fibers consisting of: polyester and polypropylene, said nonwoven needled layer having a first pile-containing side and a second side opposite said first pile-containing side;

(b) an adhesive layer applied to said second side of said nonwoven needled layer;

10 (b) a polyurethane film layer bonded to said nonwoven needled layer.

28. The textile of claim 27 wherein said polyurethane film layer comprises a halogenated aromatic polyether.

29. The textile of claim 27 wherein said nonwoven needled layer is coated on its pile-containing side with a fluorochemical.

30. The textile of claim 27 wherein said adhesive layer comprises a polyester adhesive.

31. The textile of claim 30 wherein said polyester adhesive provides a melting point of greater than about 200 degrees Fahrenheit.

32. A textile comprising:

5 (a) a nonwoven needled layer, said nonwoven needled layer being comprised of fibers, said nonwoven needled layer having a first pile-containing side and a second side opposite said first pile-containing side;

(b) a polyester-based adhesive layer applied to said second side of said nonwoven needled layer; and

(c) a flame retardant polyurethane-based film layer bonded by said adhesive layer to said nonwoven needled layer.

33. The textile of claim 32 wherein said nonwoven needled layer additionally comprises a fluorochemical coating upon said first pile-containing side.

34. The textile of claim 33 wherein said fluorochemical coating comprises a fluorine-containing hydrocarbon which is adapted for repelling moisture and release of stains from said pile-containing side of said nonwoven needled layer.

35. A layered textile composite, comprising:

(a) a nonwoven needled layer, said nonwoven needled layer being comprised of fibers, said nonwoven needled layer having a first side with a flat felt texture, and a second side;

(b) an adhesive layer adjacent said second side of said nonwoven needled layer; and

(c) a polymeric film layer bonded to said adhesive layer.

36. The textile composite of claim 35 wherein said fibers are comprised of a fiber selected from the group of fibers consisting of: polyester and polypropylene.

37. The textile composite of claim 35 wherein said fibers comprise polyester fibers.

38. The textile composite of claim 35 wherein said fibers comprise polypropylene fibers.

39. The textile composite of claim 35 wherein said fibers comprise a blend of polyester and polypropylene fibers.

40. The textile composite of claim 35 in which the weight of the nonwoven needled layer is between about 5 and about 20 ounces per square yard.

41. The textile composite of claim 35 wherein the nonwoven needled layer additionally comprises a binder material.



42. The textile composite of claim 41 wherein said binder material comprises a low melt polyethylene fiber.

43. The textile composite material of claim 41 wherein said binder material comprises an acrylic latex material.

44. The textile composite of claim 41 wherein said binder material additionally comprises a flame retardant composition.

45. The textile composite of claim 44 wherein said flame retardant composition is provided in said nonwoven needled textile at a concentration of between about 1 and about 12 ounces per square yard.

46. The textile composite of claim 35 in which said synthetic fibers contain a flame retardant material.

47. The textile composite of claim 46 wherein said flame retardant material comprises a bromine-containing composition.

48. The textile composite of claim 46 wherein said flame retardant material comprises a phosphorous-containing composition.

49. The textile composite of claim 35 wherein said adhesive comprises a polyester adhesive.

50. The textile composite of claim 35 wherein said synthetic polymeric film comprises a polyurethane film.

51. The textile composite of claim 50 wherein said polyurethane film comprises an aromatic polyether.